

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/020968 A3

(51) International Patent Classification⁷: **A61K 31/55**,
A61P 29/02, 25/20

(21) International Application Number:
PCT/EP2004/009797

(22) International Filing Date:
2 September 2004 (02.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0320637.2 3 September 2003 (03.09.2003) GB
60/537,378 16 January 2004 (16.01.2004) US

(71) Applicant (for all designated States except AT, US): NO-
VARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel
(CH).

(71) Applicant (for AT only): NOVARTIS PHARMA GMBH
[AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MANNING, Donald
[US/US]; 16 Johnston Drive, Bloomsbury, NJ 08804 (US).

(74) Agent: GRUBB, Philip; Novartis AG, Corporate Intellec-
tual Property, CH-4002 Basel (CH).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

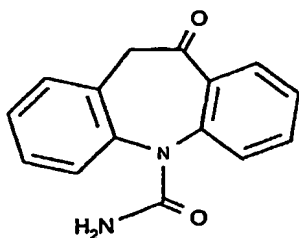
Published:

— with international search report

(88) Date of publication of the international search report:
19 May 2005

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF OXCARBAZEPINE FOR THE TREATMENT OF DIABETIC NEUROPATHIC PAIN AND THE IMPROVE-
MENT OF SLEEP



(I)

(57) Abstract: The present invention provides for novel uses of the car-
bamazepine derivative of formula (I) and its pharmaceutically acceptable
salts, in particular an improved regimen for the administration of the car-
bamazepine derivative of formula (I) and the pharmaceutically acceptable
salts thereof for the treatment of patients suffering from pain, in particular
neuropathic pain, especially diabetic neuropathic pain, and the improvement
of sleep; the use of oxcarbazepine for the manufacture of a pharmaceutical
composition for the treatment of pain or the manufacture of a pharmaceu-
tical composition for the improvement of sleep in human patients suffering
from chronic pain; pharmaceutical compositions comprising oxcarbazepine

as sole active ingredient for the treatment of pain or for the improvement of sleep in human patients suffering from chronic pain and
to packages comprising a pharmaceutical composition comprising as sole active ingredient oxcarbazepine together with instructions
for the treatment of pain or together with instructions for improvement of sleep in human patients suffering from chronic pain.



WO 2005/020968 A3